

The official voice of
the Engineering Society
since 1978

THE

October 20, 1987

Vol. X. No. 1,

CANNON



U of T DAY

By Stephen Ferguson
Yuri Kuzyk

The world is full of skeptics. Your Aunt, whose precious daughter goes to Lakehead, wants to know why everyone thinks U of T is so special. Your local MPP doesn't think that our University is making good use of its (woefully inadequate) government funding. You can sit back and take this verbal abuse, or you can do something about it. The university has chosen the latter. On Saturday, October 24th, the university is staging its own version of show-and-tell, U of T day, to silence all naysayers and to entertain everyone else. Last year the University drew over 15000 visitors to its first open-house, and expects many more this year.



For those who want to find out what the engineers REALLY do with their time, the faculty has a full program. You can see robots chasing a a flash-light, hear dust falling using a laser and see a demonstration of a robot arm. You can see a paper dart travel at over 400 m.p.h., or try out a flight simulator (a carryover from last year brought back by popular demand). Also carried over from last year are the Slowpoke reactor and the faculty's famous structural testing laboratory. Let the industrials show you how to estimate a human operator's mental workload. Look inside your body with magnetic resonance imaging. In the Mechanical engineering building you can see the new CCIE (Centre for Computer Integrated Engineering) lab. CCIE is the newest expansion of the faculty's computer facilities, linking substations in the Wallberg Building

and Mechanical Building to each other and the campus's backbone computer network. Last year's engineering displays were intriguing and very popular, and with operating laboratories in all departments, they offer more of the same this year.

Close by is the McLennan Physics Lab, where you can see the CRAY, the world's fastest supercomputer, at work. You can sit in on a talk by Ian Shelton, who made the news when he discovered a Supernova. Computers are also hard at use in both Architecture and Landscape Architecture where they are used for three dimensional modelling. In Library and Information Science you can see computers used for computer animation and sound effects. A quick trip to Robarts (you have been there before, haven't you?) and you can listen to the staff heap praises on

their new FELIX system, which is their new on-line circulation and inquiry system.

Another open house this year is medicine, celebrating its 100th anniversary as a faculty at the University. To celebrate its anniversary, the faculty has displays featuring both its past achievements and its present work. Most visitors will find the displays especially interesting as most deal with current topics. The topics include: organ transplantation, health challenges associated with an aging population, AIDS research, Alzheimer's disease, corneal transplant surgery and the effects of exercising in a polluted environment. There will be a series of lectures in the auditorium of the Medical Sciences Building as well as continuous screenings of video-tapes on health-related topics throughout the building.

Continued page 5

Shinerama

Engineers

First; Raise \$8629.23

Chris Dunsmuir
Co-Chairman, Shinerama '87

"Let's go out and shine those shoes!" With these words of encouragement given to the assembled mob of students in Con Hall by Sue McKellar, an adult Cystic Fibrosis sufferer, they were off. All together there were about 1800 students from 5 colleges, 3 faculties and 1 fraternity (Sigma Nu) who went out on Wednesday, September 9th to raise money for Cystic Fibrosis research. On that day alone, over \$28 500 was raised in about 2 1/2 hours; with Engineering alone raising \$8 629 (the next highest was Victoria College, who had the same number of students involved and raised \$5 082).

It didn't stop there - events were held throughout the following three weeks. All the "standard" events (such as the Bedrace, Nursing Tea, Hot Dog Day, Pub and Lottery) were even more successful than last year, and ended up getting over \$4 000.

Money also came in from events that were new for this year. Medicine ran a movie night and St. Michaels College had a charity dinner which was quite successful. Mention should be made of the Mustang Bash, which had the potential to be a success but suffered from poor attendance, mainly due to lack of good weather and advertising. Also new for this year was an invitation from the people at Manulife to have 6 students come and shine shoes at 3 of their buildings for one day - and for our efforts we received \$1 500. Overall this year, the total amount raised was \$35 600.

There are three things which stand out in my memory of Shinerama Day itself. One was opening up a Can and finding a cheque for \$25 in it; another was seeing 3 Trinity frosh come back to Con Hall in a cab. The last was being told about three Engineering frosh who were entertaining passer-bys (and their money) by singing a modified version of "Godiva" with these choruses:

We are, we are, we are, we are, we are the engineers.
We're here to shine the shoes of all you friendly gents and dears;
Donate, donate, donate, donate and give us all your cash,
OR
Donate, donate, donate, donate and come along with us,
For we don't give a damn for any damn man
who don't give a buck to us!
(written on the streets by Steve Oaks,
Michael May and Larry Ming.)

Just as a final note - with all the bad press that Engineering has been getting lately let's keep in mind the fact that if we didn't organize Shinerama for U



of T, our university might not even be participating in this nationwide event. As it stands, last year out of 60 universities and colleges across Canada, the University of Toronto was the second biggest fundraiser. Judging from the totals I've heard about so far, we'll probably be in the same position again this year. You never know - with a little more effort we could be #1 next year...

The official voice of the
Engineering Society since 1978

THE CANNON

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the Cannon is a publication of the University of Toronto Engineering Society. It is published (almost) monthly, to announce Eng Soc events, discuss faculty and university matters, and present current and technical information of interest to engineering undergraduates.

the Cannon encourages submissions; please type or print legibly.

Comments on *the Cannon* or on articles appearing therein are appreciated. The editors will make every effort to publish such material, but reserve the right to edit for brevity. The opinions presented herein are not necessarily those of the Engineering Society.

Subscriptions to *the Cannon* are available if desired. Call Joyce at 978-2917. Anyone interested in helping with *the Cannon* is most welcome - we are located in room B670, Sandford Fleming Building, 10 Kings College Road, Toronto.

Where the context requires, words used herein importing the singular shall include the plural and vice versa, and words importing gender shall include all genders.

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THE CANNON

WANTS YOU AT THEIR NEXT
ORGANISATIONAL MEETING

OCTOBER 27, 1987 AT 5:00
IN THE ENGCOM

Letters

Proud

I'm proud to be an engineer! Damn Proud! Sure other people abuse us, slander us and make us the launching pad for their causes, but there is nothing we have done that would ever not make us proud of being engineers. Throughout the history of University, the engineers have struck fear into the artsies and even other faculties. The engineers are "hard drinking, sexist slobs" (even the women). We are the "bad guys" on campus. We hate everybody and everybody hates us; during orientation and spirit campaigns that is. On a more personal line, between engineers and "artsies" this animosity does not really exist, except on a very friendly basis. We have nothing against artsies and would welcome them to any of our events. I know from personal experience that the Lady Godiva Memorial Band allows (and even encourages) people from outside of the faculty of engineering to join. This "animosity" towards artsies is bigger, much bigger than any sexism in engineering. The engineers welcome women into their faculty with open arms (wouldn't you if you were a man in a almost all male class?). I have never seen any student in engineering truly discriminate against a woman. If anything like that ever came to my knowledge you would hear about it from me. I don't see how anybody could really, truly believe that engineers are sexist. The Engineering Society has had more female presidents than SAC! And the LGMB, the most sexist, bigoted and discriminatory group on campus has (gasp) a FEMALE BAND LEADER!!! But all of these defences are futile. Engineers have been known throughout history to be the worst and we will always be the worst in the eyes of outsiders. All we have to do is grin and bear it. Keep it up SKULEMEN (that term includes both male and female engineers if you were wondering)!!!!

Donna Cieszyńska.

We Is Stupid, But Nct As Stupid As You Act

Orientation, where the upper-classmen and upper-classwomen (if the small minority can be accounted for) try to let the freshmen (better known as FIROSH) know who is more superior.

Unlike any other year, this year was a success...the message came through. Written on the face of every 2nd, 3rd, or 4th year student on the Orientation Committee was a capital "L" for loser.

Never in their 19 years of survival on this anarchic planet did the FIROSH see a better demonstration of stupidity and idiocy.

Actually, lets give credit where credit is due. Please allow me, a "FIROSH," to assess and confirm the intellectual prowess of the upper-classmen.

Activity: Not allowed to have open umbrellas. Cranial Energy Expended to Think up Prank: 1000 Giga Watts Alarming Effect on FIROSH: Realized how desperate the upper-classmen were for humour.

A: Made FIROSH do push-ups on pavement. CEETP: 1001 GW AEF: Realized that there were not too many women studying Engineering, and watching FIROSH do push-ups was the only way that the upper-classmen would get any sort of sexual satisfaction.

A: Made FIROSH wear their socks, as sheep ears, under their hard hats. CEETP: 1.81 X 10⁵⁴ W AEF: Obviously they all visisted Greece - you know, where the men are men and the sheep are scared!

In general, the FIROSH were made to realize the extent of the low-mindedness and shallowness of the upper-classmen. I don't think that there is a doubt in any of the FIROSH's minds that except for them everybody else is, well, to put it bluntly...incredibly strange!

I mean, can you just imagine seeing a 20, 21 or even 22 year old acting like a total fool, running around yelling at people and writing letters on their faces, making them do push-ups and wear socks on their head? That's funny stuff isn't it? Well, isn't it? No you're right it's not.

I could just imagine how hard everyone must have worked to come up with these "fun" things to do for Orientation. Boy did all you guys and gals on the committee look like idiots. And to think that you even enjoyed doing it - scary.

You guys aren't too bright...but don't take it too hard. Orientation is a tradition that must be maintained for it binds us FIROSH closer together. You guys tried to make fun of us and make us feel like low lifes. Unfortunately, it didn't work too well. However this article is probably working very well. Lets have a little test - are you pissed off at me? If you answered yes, then this is working just the way I planned.

But, you did try. Yeah - right!

Caius Tenche Civil Engineering

Caius: We did try and obviously succeeded in pissing you off. You are complaining about the first half hour of orientation, so where were you for the rest of the week?

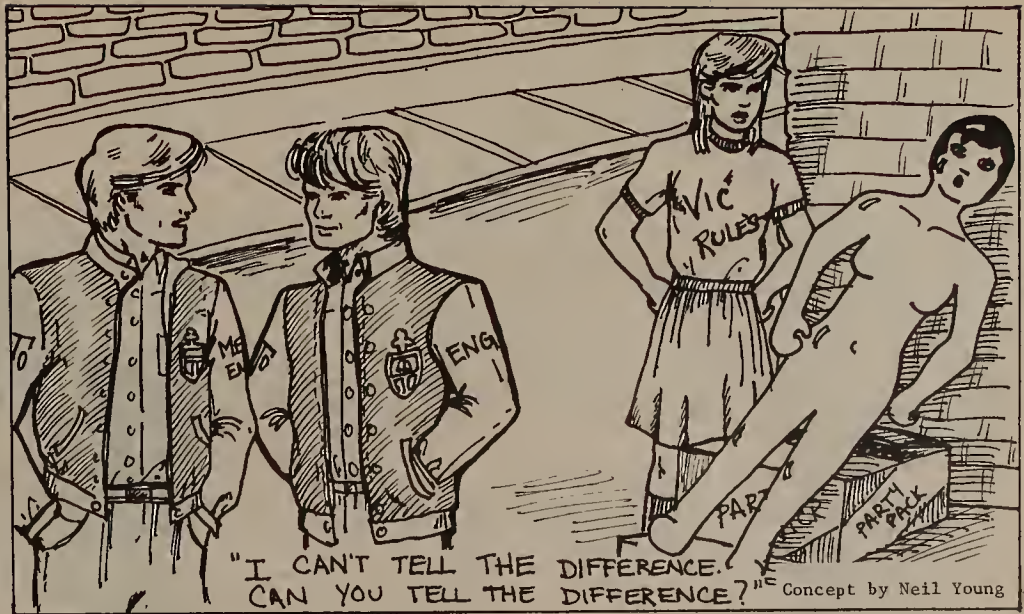
The orientation committee did not spend the whole summer organizing the first half hour before you go into Convocation Hall. The idea during this first half hour was to scare the \$%#% out of you or at least to really embarrass you, and to put you back on earth. You probably missed free beer night, Hart House farm and the all night scavenger hunt to name a few. These events were the best part of orientation, even for a FIROSH. So now who looks like a loser? ed.

Balls?

Hey, I've got an ideal Let's give in. Let's be "nice." No more bad words. No rubber dolls. Get rid of the Toike. It represents freedom, we want none of that. As for the Lady Codiva Band, who needs 'em. They're funny. We don't want to laugh. And Lady Codiva: her tits are too big; reduce the size if you want to be realistic. No more FIROSH bashing, let them turn out to be anti-social wimps who can't take a joke. Yeah, that's it! We'll blend in. We don't want ENGINEERING to stand out in the crowd!

I want to be an Artsie;
I want to have it all.
I want to be an Artsie;
I have no balls...

Sorry no ID on this!!



Women Engineers

Recent events have made it clear that there is a third category of human being. There are men, women and now the added group - feminist.

What is the purpose of a modern-day U of T feminist? Is it to help fight for women's rights? Well, let's examine this as it relates to engineering.

Contrary to the belief of some non-engineers, there ARE women in engineering. Although they constitute a minority, their presence is known and has become important to engineering society. Last year's Eng Soc president was a woman. This year's activities representative, the co-editor of this paper, and two of my class representatives (ELEC 9T0) are women.

Now, getting back to the question of purpose, is it in the interest of all women if a handful criticize engineering? Obviously not since women play important roles in engineering. But criticism and false accusations are exactly what this faculty is receiving. I therefore conclude that, judging by the actions of the spokesperson, feminists have some other purpose in mind.

Everyone likes to get a little attention. I claim that the actions of the feminists are a cheap way to obtain recognition. I realize that not all act this way, but when the leader does, it sets a bad example for the rest. Stepping on others to put yourself on a pedestal is not my idea of a class act. Do something that benefits the community instead of creating friction in it and them maybe you'll get somewhere.

S. Verman ELEC 9T0

Editorial

One day, somebody from the south western parts said it was, and so it became the latest, greatest thing on earth. For the next one hundred years or so, people from all other parts would walk by and recognize the power and technology behind the walls of these wonderfully plain looking buildings. WHY, you ask, are those buildings so plain looking? Well it was mostly because they were designed by ENGINEERS and not some artsie architect. So it became the home of the Engineers over a hundred years ago and the spirit of their ranks has not changed much in this period of time.

If you were attending another faculty at the U of T, and you picked up a Varsity earlier this term, you might have been under the impression that the faculty of engineering and applied sciences was in trouble. Further readings would make you believe that one of the most spirited groups on campus had fallen into deadly traps never to be obscene again. Even members of the ever popular Engineering Faculty were beginning to complain about what went on during the first day of disorientation.

The news of raising inflatable dolls rocked the UniVARSITY campus as word spread from Erindale to Scarborough of how those nasty engineers just went too far this time, and how they are going to pay for their follies with free wheel chair ramps for all. The discussions inside the ENG SOC were turned to this new problem.

I had an opportunity to read all articles for both sides but somehow failed to see the point

in arguing. It seemed a little desperate to try to convince people what they saw was not rape, was not supposed to be rape, at least we didn't see it that way when it was all going on. When I look back on the events, I cannot say that were in good taste. But this is not what worried me! When I read the many letters and punishing articles from all members of the university, I realized they had a very strong point. But this too did not worry me too much. What worried me the most was the fact that for a moment it seemed as if something magical was missing. It seemed as I walked through the campus and watched the colours of the leaves change through the cycles of their existence, that something more than the accusations brought up by concerned people, who would rather remain anonymous was now at stake. My brain now churned at the thought that the days of spirited

engineers were going to be come something of the past like so many people have now wished. Since my first days on campus, I have always been amazed at how the engineers spread their spirit, be it good or bad, throughout the campus. Visions of orientation being banned or Shinerama being canceled entered my thoughts. Football games without the BNAD would be like attending Calculus lectures. Lets face it. Pretty %\$#@!\$#% boring.

But all my thoughts of fun- lessness were soon washed away to never never land as I realized that the spirit of an engineer is much harder to break than 40 MPa reinforced concrete. The BNAD'S contributions to help the people at Ontario Hydro proved this to me as a complete band marched throughout the offices of the marketing

department, singing the soon to be banned "Blue and White" and

"The Engineers Hymn" to try to encourage people to donate to the United Way. When I attended a football game against Western, the Blues could not come back from a 70 point deficit at the two minute warning but the BNAD still played and cheered them on. Finally, while putting together this publication that everyone was willing to get involved as help has come from all directions (and has been appreciated greatly).

So, you can say it! Yes I am pretty stupid for ever thinking that the spirit of engineering could be anywhere near extinct, and I can still say that I AM DAMN PROUD TO BE AN ENGINEER!!!!!!!!!!!!!! I guess there's just a little piece of Codiva in all of us. (?? or should that be the other way around?????)

J. Andrew Wyllie cannon



Our President: Tells It Like It Is

President's message, what a neat idea. I get space to write anything I want, free, and no one can stop me. I could use this space to discuss and expand on my personal theories on Economics, Government and God, but perhaps it would be wiser to use this space to explain some of the things the Engineering Society is doing (however if anyone enjoys talking politics, government or God, please feel free to drop by and see me).

I would like to start by welcoming the Frosh to Engineering and welcome everyone else back from the summer. Keep in mind that a 1000 word essay entitled "What I Did this Summer" will be due by October 31st. This should be a factual account, not like what you are going to write on your resume.

On to more serious topics. Probably the one topic on most people's minds early this year is the 'rubber doll incident'. I would like to take this opportunity to clear up some points. I found the reports in The Varsity and The Toronto Star to be, shall we say, incomplete. I would like to briefly run through the facts and what the Engineering Society has done about the situation.

It was a cool, rainy morning in early September when the Frosh started to arrive. Soon afterwards upper classmen appeared with their usual bag of tricks for abuse, including blow up rubber dolls. The tradition of the dolls goes back about 7 or 8 years to an Engineering Society Christmas party where a blow up doll was given as a joke gift. Since then the Frosh have been doing push-ups over rubber dolls basically with the same intent, an embarrassing joke. This year things got a little carried away. There are two dolls, a male and a female. The male doll has lost his penis and an over eager upper-classman inserted a beer bottle in its place.

This does not sound very serious but I can understand how it could be misinterpreted. Imagine how it would look to someone walking by who saw a bunch of people crowded around another person who was going up and down over top of a doll, or a person inserting a beer bottle into the orifice of a doll of indeterminate sex.

The witnesses who saw the incident made no effort to find out what was actually happening. The Women's Centre picked up the story and they too did not communicate with anyone in Engineering who knew what was actually happening.

This resulted in a media report based on poor information and the incident quickly became exaggerated, especially with the use of the word "rape" which results in an emotional response from people as opposed to an intellectual one.

We have no one to blame for the incident but ourselves. We were involved in a tasteless activity, which could be easily misinterpreted. This does not mean that those groups which complained and yelled "mock rape" are right, but that we made a mistake by giving them a chance to complain.

The Engineering Society has done two things which we believe will prevent incidents like this from occurring again. The first is a planned restructuring of The Orientation Committee to increase the ratio of people in responsible positions to the people who help out. This will hopefully keep things under a little better control. The second is that the Engineering Society passed a motion at its last council meeting basically saying that we will try to act more responsibly. This is not to say that we have tried to act irresponsibly in the past, but by passing the motion, the importance of acting responsibly will be on everyone's

minds. These decisions were made after consulting Dean Heinke and were basically made before the publicity of this incident started. One of the dolls was confiscated by the U of T Police upon request of the O.P.P. and this is what prompted our response, not the series of articles and letters in The Varsity.

One thing to keep in mind while reading this is not to believe everything I say. Then again don't believe everything you read in any other paper. No one can write a totally unbiased article and I have found that usually articles are very biased (this one is no exception). As a reader, you should read newspapers with an open mind and if you are interested in an article, find out more before you make a decision.

This incident has not been all bad. I personally have learned a lot, especially that I was very naive in trusting the media. Another good thing is that I have realized that there is very poor communication between the people involved in The Engineering Society and the average student. This may not sound like good news, but I would hate to think I have spent three years out of my four at U of T, trying to provide services and activities to fellow students and then find out I was not providing the services they wanted. Every undergraduate at U of T Engineering is a member of The Engineering Society. You pay your fees and you should expect something in return. If you don't like something that The Engineering Society does, or if you would like to see The Engineering Society do something that we are not doing, then please come and talk to me. If people had complained about the dolls sometime in the past we probably would not have had an incident this year. People have told us, in the past, that they were not happy with Lady Godiva on a horse. So for several



years it was faded out. Perhaps some would say that it is a fine tradition lost, but I think any tradition which offends members of our own society should not be continued. I am not too worried about The Women's Centre, but I do have respect for the opinions of my fellow classmates. As well the Toike now has a "review board" to prevent really tasteless and sexist material from being printed. I personally have nothing against rude, sexist, tasteless humour, but the Toike is our voice to the rest of the campus and we have to be careful of what kind of image we project (i.e. no man is an island and the same can be said for a faculty).

If you wish to come and see me and discuss what The Engineering Society does or should do I can usually be found in The Eng. Soc. at lunch every day or leave a message for me and I will get back to you. Also

you can come to The Engineering Society Annual General Meeting on Tuesday, October 27th, at 5:00 p.m. The Annual General Meeting is open to all members of The Society (i.e. all undergrads). Anyone who shows up can vote. At this meeting we will be passing our audit of last year and our budget for last year. Every student is invited to come and give their opinion or just to listen and hear about some of the things The Engineering Society does.

Before I finish I would like to thank Keren Morehead, V.P. Activities, for running a great Orientation, and close by saying "something touching but somehow humorous and inspiring at the same time".

Wayne McPhee
President

Incidental Fees

G.Smith CIV 9T0

The Ontario Government's ban on academic incidental fees has made it necessary for the Engineering Society to come up with an alternate method of raising the funds needed to run a first rate institution. In the past, a \$100 incidental fee was collected with each student's fees. The money was used to upgrade undergraduate laboratory facilities.

In particular, many micro-computer labs, lab equipment, lab supplies, and extra Tutorial Assistants were financed by money from these fees. Each department determined how to spend the money collected from its students. The many plaques which can be seen in labs and on equipment is a testament as to how well the money was spent.

Before the incidental fee was implemented, an engineering student referendum was held. Over eighty percent of the students who voted were in favour of the \$100 fee. Voter turnout was extremely high, leaving no

doubt that the vast majority of engineering students were very eager to contribute to bettering their education. The U of T's Engineering Faculty to become the only faculty in Ontario to collect a student imposed academic incidental fee.

The eagerness with which the students were willing to contribute their money made a very strong impression on Engineering Alumni. Since the incidental fees were first introduced, Alumni contributions have increased 400% to \$500,000 per year. It seems the Alumni are more willing to contribute to the faculty

when the students carry their share of the burden as well.

As the banning of the incidental fee took place before the start of this school year, the Faculty had to come up with emergency funds. The Ontario Government granted a 3% (\$50) increase in tuition fees. This \$50 per student was, and will continue to be, given to the departments to be used for the same purposes that the incidental fee would have been used for. A U of T slush fund contributed the other \$50 per student for this year only.

The Engineering Society has come up with a proposal to raise the money in the future. According to Wayne McPhee, president of the Eng Soc, they would like to see an additional \$50-\$100 collected as part of the Eng Soc fee. This extra revenue would then be donated to the faculty to be used in the same manner as the outlawed academic incidental fee.

Approval for the proposal is being sought at Simcoe Hall. If it is decided that the proposal is legal, and the necessary approval is obtained, then a referendum will likely be held either in March, or sometime next year.

National Universities Week

A.McRuvie MECH 9TO

National Universities' Week 1987: Canadian Higher Education Speaks Its Mind.

To show Canadians why investing in higher education makes sense, the University of Toronto, York University and Ryerson Polytechnical will be taking part in the nation-wide program. During National Universities' Week 1987, October 24 to November 1, the 83 members of the Association of Universities and Colleges of Canada (AUCC) will be using the theme "Investing in our Future" to underscore the important role of university teaching, research and public service to community, regional and national development.

An eight-member task force, representing the program sponsors, has developed a series of nation-wide initiatives designed to complement institutional programming activities such as open houses, lectures and exhibits. The task force is chaired by Rene Roseberry, director of public relations and information at the Université du Québec. Says Roseberry, "A healthy university is absolutely essential to our country's well being." The program begins officially on October 23 in Ottawa and Roseberry hopes this will increase interest and visibility at the national level. A forum on post-secondary education, set for October 25-28 in Saskatoon, is expected to draw 500 participants from across the country to discuss a variety of subjects including the role of post-secondary education in Canada's future. Events at U of T during National Universities Week

For information about all the events going on phone:

U of T: Harriet Eastman 978-2105
York University 736-5010
Ryerson: Anne Sarsfield 979-5304

1987

U of T Day, Oct. 24

A campus-wide open house with something for everyone. See article on page 1.

Time: 10 am to 4 pm

Location:

St. George Campus

Information:

Call 978-2021/5387.

Barker Fairley Exhibit, to Nov. 25

Portraits of colleagues of well-known U of T professor and artist Barker Fairley.

Time: 1 to 5 pm daily

Location: Art Gallery

Erindale Campus

Information:

Call 828-5214

Royal Canadian Institute Lecture, Oct. 25

Professor John Polanyi will be speaking about research which led to his winning the 1986 Nobel Prize for chemistry.

The lecture, will be a rare opportunity for the public to hear Polanyi discuss his work which played an important role in revolutionizing the field of reaction dynamics. Polanyi is the fourth Canadian, and the third academic from the U of T, to be awarded the Nobel Prize. His research on the way molecules combine to form new compounds resulted in the development of the chemical laser and applications such as eye surgery and microelectronics.

Time: 8 pm

Location:

Convocation Hall

Information: U of T

978-6564

Royal Canadian

Institute 928-2096

Teetzel Lectures, Oct. 27-29

Speaker: Prof. Douglas Richardson
Theme: An architect's history of University College in the 19th Century. Titles: 27th- "Blank Despair": Planning the University buildings
28th- "The Glory of Toronto": Constructing University College
29th - "Dire Disaster Overcome": Renewing UC at the heart of the campus

Time: 4:30 pm

Location: Rm. 140,

University College

Information: 978-3160

Ruth Copperstock Memorial Lecture, Oct. 29

Dr. Rosalie Bertell, a prominent expert on the effects of low-level radiation, will discuss the health hazards of the nuclear industry in her lecture entitled "Nuclear Addiction: The Costs of Deterrence". Dr. Bertell, President of the International Institute of Concern for Public Health, has worked in the field of environmental health since 1970. Her major research projects include a study of birth defects of Navajo Indians exposed to nuclear testing in Nevada and an assessment of cancer risk and genetic damage to offspring of Japanese nuclear workers. A documentary on her work produced by the National Film Board will be shown at the lecture. The lecture is sponsored by the Addiction Research Foundation and U of T's Department of Behavioural Science in honour of Ruth Cooperstock, a medical sociologist who taught in the department.

Time: 8 pm

Location: George

Ignatieff Theatre,

4 Devonshire Place

Information: 595-6017

U of T DAY

October 24, 1987

Continued from page 1

The faculty of Arts and Science will have representatives of every department and faculty on hand at Hart House to talk to parents and students about the programs offered. The East and West Halls of University College house displays on Medieval Theatre, ancient Mesopotamian culture, as well as some of the more fascinating characters in Canada's history. There will be a show and sale of prints by the students in the fine arts program, and a display of artwork at St. Michael's College. The Music Faculty will feature chamber music and wandering medieval musicians.

If you'd prefer to get out of the buildings for a while, there is a float parade leaving Devonshire place at 10:00 a.m. The parade, complete with Shriners (what's a parade without Shriners in go-karts?), bands and clowns, will arrive at

SPIRIT CHALLENGE SCHEDULE

Football	Fri. Sept. 18	7:30pm vs Western	VS
		Domino's Pizza Promotion	
		Bust Loose Holidays Giveaway	
		10 Trips on Three Bouys Houseboats	
Football	Fri. Sept. 25	7:30pm vs Windsor	VS
		High School Football Night	
Football	Thr. Oct. 8	7:30pm vs York (Blue Bowl)	VS
		Featuring Michigan Marching Band	
Football	Sat. Oct. 25	7:30pm vs McMaster (UofT Day)	VS
		Bust Loose Holidays	
		Jackson Hole Ski Giveaways	
Hockey	Fri. Nov. 27	7:30pm vs York	VA
		Copa Party for 100	
Hockey	Fri. Dec. 4	7:30pm vs Western	VA
		Rowers Party for 100	
Hockey	Wed. Jan. 13	7:30pm vs Laurier	VA
		Bust Loose Holidays Giveaway	
		(10 New York trips)	
Basketball	Fri. Jan. 15	6 & 8pm vs Ottawa	TBA
		45 free trips to Michigan or Detroit	
		Basketball game	
Hockey	Fri. Jan. 22	7:30pm vs Waterloo	VA
		Bust Loose Holidays	
		Coupon Giveaway	
Basketball	Fri. Jan. 29	6 & 8pm vs York	VA
		\$5,000 Dash for Cash	
Hockey	Fri. Feb. 5	7:30pm vs RMC	VA
		Hemophilia Fundraiser	
Basketball	Tue. Feb. 9	6 & 8pm vs Ryerson	VA
		High School Slam Dunk Contest	
		Bust Loose Holidays Giveaway	
		(Mexico Holidays)	

VS — Varsity Stadium
VA — Varsity Arena



Spirit Challenge: Get Involved

Alex Rocha CIV 9TO

Imagine a crisp, cool fall evening, a perfect night for a football game. But what's a football game without a crowd? In fact without a crowd a hockey game or basketball game or any sporting event would seem dull. A crowd's cheers and rowdiness are what brings excitement to a game, and support to the University of Toronto teams.

Bringing crowds out to the games is what the Spirit Challenge is all about. To accomplish this the Spirit Challenge entices crowds to attend U of T sporting events by offering various prizes. These prizes range from trips and money to other small prizes given away at each game.

King's College Circle at 11 o'clock for the official opening ceremonies. You can enjoy a pub lunch at Innis College, historical tours of the campus starting at Woodsworth College, an alumni-student football game and the SAC barbecue on the steps of the Med Sci Building.

At two o'clock in Varsity Stadium, the Blues face the McMaster Marauders, with a half-time show featuring those Shriners (again). Let's hope the Blues, like the rest of the campus, put in an extra effort.

U of T day offers something for people of all ages. Those too young to appreciate

In order to be eligible to win these prizes, first you must attend a game, and while at the game you should fill in a ballot. All the ballots are colour coded according to what group or faculty you belong to. The reason for colour coded ballot is to award a Grand prize to the group with the greatest participation at the end of the Spirit Challenge. For the grand prize the winning group will have first selection of three parties, each to be held at different locations.

For whatever reason you might have to attend a game, make sure you do go out and support our U of T teams!

(for more information contact Bust Loose! Holidays #201-49 ELM ST. TORONTO 597-2388)

the significance of the discovery of a supernova can have a great time at the Children's fair with frisbee throwing, puppet shows, face painting and wandering entertainment. The Faculties of Medicine and Dentistry both offer displays which present a more positive image of the dreaded examination.

The list goes on and on. Full programs will be handed out to each visitor. With only six hours to see as much as possible, this will prove to be invaluable. U of T will once again affirm that there is indeed substance to back up the reputation.

ENGINEERING LIAISON

GREETINGS FROM ENGINEERING LIAISON

The Engineering Liaison Office functions in conjunction with the Career Centre and the Engineering Society. Your contact with the office is through Derek Pell, the student Employment Chairman. The responsibilities of this position are listed below. Basically, my position is to market the University of Toronto Engineering program to potential employers who will be looking for summer, graduate and post-graduate engineers. The primary goal is to ensure the competitiveness of U of T in the market place.

Although I do not see students on an individual basis, I am happy to address larger groups or handle inquiries through Derek Pell. To enhance the communication between this office and you, Derek and I will be setting up an Engineering Liaison communications board. The board will post advertisements for company presentations, events at the Career Centre, industry articles and information about companies which I have visited. You should check this board on a weekly basis to ensure that you don't miss out on any events. As well, I highly recommend that you pick up a copy of 'Careers Supplement-Volume 8'. It is included in the 'On Campus' package when you register.

I wish you all the best of luck in the coming year.

Greg Gerrie

PANEL DISCUSSIONS

PETER FRENCH
DUO-PACT EQUIPMENT

TERRY CARD
KNOX MARTIN KRETCH LTD.

JOHN WILLIAMS
TECHNICAL SERVICE COUNCIL

MARTA ESCEDI
BELL CANADA

JUNE LI
PETROCANADA

JACK CLEMENS
IMPERIAL OIL

COLLEEN GORDON
NORTHERN TELECOM

MAGDA GYARNATI
ZENON ENVIRONMENTAL

BILL SCRAFTON
JOHNSON CONTROLS

ARTHUR JOHNS
MORRISON HERSHFIELD

RON LACKNER
SURPASS CHEMICAL

ALEX LUCAS
McDONNELL DOUGLAS

PAUL MITCHELL
TIE COMMUNICATIONS

Our thanks to these panel members for taking the time out of their busy schedules to come down to talk with U of T students.

ENGINEERING LIAISON COORDINATOR(ELC) RESPONSIBILITIES

- Market U of T Engineering Students and recent grads to potential employers in business, industry and government.
- Market the employment services, programs and contacts provided by the Career Centre and Faculty of Engineering.
- Direct employers to key personnel with the Career Centre.
- Provide liaison between business/industry and the Engineering Faculty.
- Provide information to students via Cannon articles, newsletters and Resource Library.
- Address Eng Society meetings and Engineering Club gatherings.

THE EXTERN PROGRAMME PLACES ENGINEERS

Engineers! Opportunity Knocks! The Extern Programme, the first of its kind in Canada, has been developed to give undergraduate students at U of T the opportunity to observe a professional in the career of their choice.

The "Engineer for a Day" programme has been incorporated into the Extern Programme, giving engineering students the chance to enter a company's work environment. Students can discuss their career aspirations and goals in an informal setting with a specialist in their area of interest, gain "hands-on" experience and make valuable future contacts. The engineering programme is set to run for one day, but students may participate up to one week.

A note from Derek Pell (Engineering Employment Chairman):

As another school year is well underway we find ourselves engulfed in assignments and preparing for mid-terms. In spite of the scholastic burden which we all carry, I strongly urge students to look into the Career Centre regarding future employment, even at this early October date. In fact, the Career Centre's On Campus Recruitment Program is already in full swing. If it all seems overwhelming approach your Club Chairman or myself regarding the organization of an informal information session to speak directly to engineers in the industry. Our Engineering Liaison Coordinator, Greg Gerrie, has approached a wide variety of companies hiring U of T engineers and has established contacts that can aid in making wise employment decisions. Let's get a good start on engineering companies participating the professional image we are working towards.



University of Toronto

Greg A. Gerrie

Engineering Liaison Coordinator
Career Centre
214 College Street
Toronto Ontario M5T 2Z9
Telephone 416/ 978 8022



ENGINEERING CAREER DAY

Our first annual Engineering Career Day was a great success with 31 companies and 500 students in attendance. Thanks to those who filled out the evaluation forms; they will be invaluable in organizing next years event. 47% of the students who attended found the day while 51% found it moderately useful. The breakdown for attendance by year was 54%, 17%, 23%, and 6% for years 4,3,2,1 respectively.



Common Student Suggestions

- where are civil/aerospace/metallurgy firms?
- more companies
- not so early in September
- more high tech firms

We will do our best next year to hold the event later on in September. As well, there will be a greater range of firms and more of them. Over 250 firms were contacted to attend this year's event and many more will be contacted for next year.

THANKS

This year's Engineering Career Week was organized by a committee comprised of Nancy Okada, Career Centre Coordinator of Permanent Employment, Sandra Sagara, Career Centre Special Projects Coordinator, Derek Pell, Student Employment Chairman, Wayne McPhee, Eng-Soc Pres., Louis Tay, Co-Chair Eng. Career Week Committee, and myself. Many thanks to these individuals and also to those student volunteers and Career Centre staff who helped with Engineering Career Day.

Common Student Comments

- excellent
- keep it up
- good idea
- well organized

Thanks for the positive comments. Many people worked very hard to bring the event to U of T.

Employer Comments on Calibre of Students

- good, eager, well prepared and informed
- excellent-asked good questions
- extremely shy in appearance-shy, retiring, nervous
- many are hesitant and lack strong interpersonal skills
- they seemed mature, confident and well prepared.

Employer Overall Impressions and Suggestions

- plan one week later
- would like to see more students
- successful day
- very well run
- Engineering Career Day was a success from our point of view

ON CAMPUS RECRUITING

Mark these dates on your calender. The following is a list of deadlines for companies recruiting on campus.

NOTE - This is not a definitive list. More companies may be added and some dates may be subject to change. Therefore, ensure you check in weekly at the Career Centre across the street.

OCT 19 Deadline
MacDonald Dittwiler & Asc.
DND
Imperial Oil
Instron Corp.
Lutron Electronics
Polysar Ltd.
Trane Canada
Xerox Canada
Dow Chemical
Petro Canada
Fiberglass Canada
Dupont

OCT 26 Deadline
Motorola Canada
Petro Canada
Shell Canada
PPG Canada

NOV 2 Deadline
Amoco Canada
IBM
NCR Canada

NOV 9 Deadline
NCR Waterloo
Netron Inc.
Toronto Hydro
Stelco
Camco
Imperial Oil
Data General
Playtex
MTC
Zenon Environmental
N.B. Telephone
Shell Research
G.F. Canada
B.F. Goodrich
G & W Communications

Engineering Referral Service:

Recent Engineering graduates who are seeking full-time permanent employment may take advantage of this new computerized service. Copies of your resumes are kept on file and are forwarded to employers who advertise positions, for which you are qualified.

Note: Last year, 122 companies listed through ERS and 1,916 resumes were sent out.

Graduate Dossier Service:

This time saving service, operated through the St. George campus office, is for P.H.D.'s who are seeking academic appointments. It allows you to put together the documents required for a dossier and then have it sent out in response to advertised openings.

Part-Time Employment:

Part-time and temporary job listings from a wide variety of employers are advertised throughout the year.

Also available are jobs listed as part of the Ontario

Work/Study Programme. This Student Awards Office programme, which is partly funded by the Provincial Government and the University, enables financially needy students to work on a part-time basis within various University departments on all three campuses.

Summer Employment:

Each year more than 6,000 job listings are received for summer positions. Included in these listings are employers from business, industry, and community services. Don't forget to look into the large number of summer employment programmes that are offered by the federal, provincial and municipal governments. In addition, many companies interview and hire students through our "Summer On-Campus Recruitment Programme."

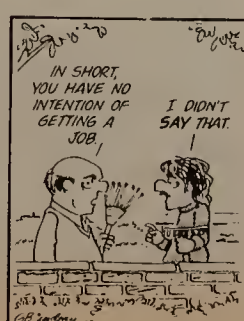
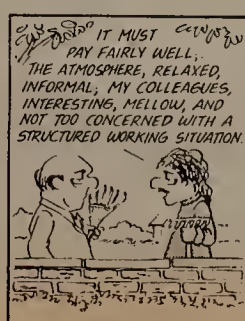
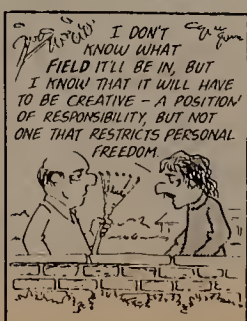
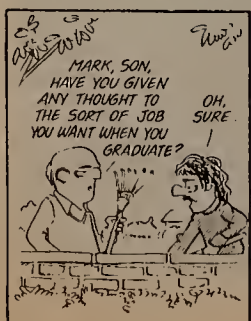
Advertisements for both summer and part-time work come in as early as September and October so remember to check the boards soon and often!

CAREER COUNSELLING

Confused as to which career area is best for you?

Wondering what kind of options are available to you with your particular background? Let our career counselors assist you in clarifying your vocational goals. We can help you explore your own unique interests, abilities and values in order to focus on appropriate fields. We can show you how to research relevant occupational areas so that you can make an informed career choice. Once you've decided upon a particular career area, we'll show you how to best organize your time and effort in the job search.

Counselling is available on an individual or group basis. In addition, our computerized career planning programme called "OPTIONS" can help you get started in the career planning process.



ORIENTATION





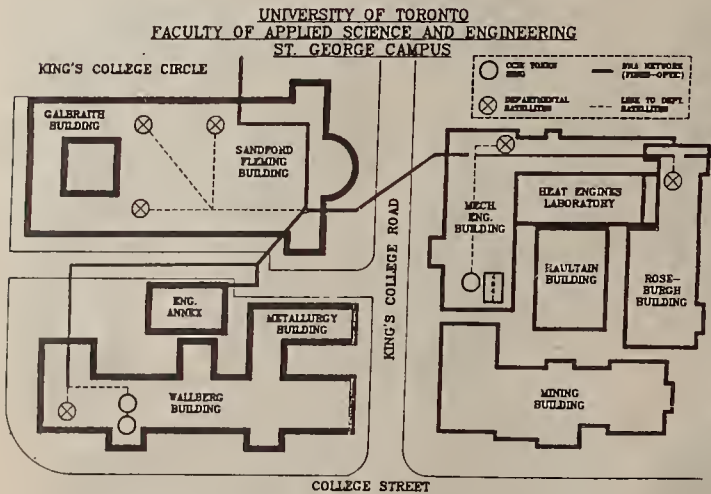
THE CENTRE FOR COMPUTER INTEGRATED ENGINEERING

Participating departments:

CHEMICAL ENGINEERING
ELECTRICAL ENGINEERING
GEO-ENGINEERING
MECHANICAL ENGINEERING

CIVIL ENGINEERING
ENGINEERING SCIENCE
INDUSTRIAL ENGINEERING
METALLURGICAL ENG.
& MATERIALS SCIENCE

BY PROF. R.D. VENTER



NOTICE TO ALL ENGINEERING STUDENTS

The Engineering Computing Facility provides almost all computational resources for undergraduate and graduate students. The Faculty includes one large DEC VAX/780, 12 DEC Micro VAX II's, a Honeywell DPS-8/49, several microcomputers and over 100 terminals. In addition, ECF operates an IBM 4341 and 45 IBM PC-AT's as part of the new Centre for Computer Integrated Engineering.

There have been remarkably few instances of engineering students abusing these resources. Nevertheless, a few students have created some difficulties by interfering with the normal operations or by permitting someone else to use, improperly, their password. A password is the private property of a particular student and any misuse of it is the responsibility of that student.

For your information, the Faculty has adopted the following scale of sanctions for computer offences:

- a letter of censure in the student's file
- restricted access to computer facilities
- loss of access to computer facilities
- dismissal from a course
- suspension from the Faculty for one year

In addition, the Faculty reserves the right to recover costs attributable to an abuse of a computer system.

The above sanctions have also been adopted by the Faculty of Arts and Science.

G. W. Heinke
Dean
Faculty of Applied Science and Engineering

In May 1986, a formal three-year co-operative agreement between IBM Canada and the University of Toronto was approved. This agreement was targeted at strengthening the computer facilities available to students in both humanities and engineering. For engineering the specific objective was to establish a facility, under the organizational umbrella of the existing Engineering Computing Facility (ECF), which would convert one and possibly two tutorial rooms into tutorial/computer rooms equipped with IBM PC/AT's to assist in the educational process.

In April 1987, following the renovation of MC 402 and WB 316 and the installation of equipment, the Centre for Computing Integrated Engineering, known as the CCIE, was officially opened.

Since the prime objective of the CCIE is to provide access to all students in engineering in the various programs, it is important to know the location of the CCIE sites, the equipment within CCIE and how to gain access to these facilities.

There are two sites. The first site, which accommodates some 28 IBM PC/AT's, is located on the third floor of the Wallberg Building in Room WB 316. This room is used for regularly scheduled tutorials in support of all programs between 9 a.m. to 5 p.m., Monday to Friday. A weekly schedule is posted in WB 316 which identifies the times when the

room has been booked for a specific course. Many undergraduates have already used the facility during these scheduled times. During those times when the room is not booked for a scheduled tutorial class (between 9 a.m. to 5 p.m., Monday to Friday) students may use the facilities on an individual basis.

The second site is located in the Mechanical Engineering Building in Room MC 402 which is on the fourth floor. This room houses some 15 IBM PC/AT's and operates between 9 a.m. to 5 p.m. much like WB 316. Since the number of AT's in this room is smaller than that in WB 316, it is used to accommodate small classes such as elective courses in fourth year.

The room also houses six large CAD terminals, 2-5080's and 4-3250's which support the comprehensive CAD/CAM package known as CATIA.

While the usage of these facilities is targeted at the undergraduate students between 9 a.m. to 5 p.m., Monday to Friday, it is also used to support continuing education courses which are offered by the School of Continuing Studies and Engineering Continuing Education courses from 5 p.m. to 9 p.m., Monday to Thursday.

The establishment of the CCIE provides the opportunity for students to participate in computer tutorials using the PC/AT. This is a major advancement since students now have access to colour graphics to support the courses which are accommodated in the CCIE. In this regard, it is important to note that all first year students taking the course CIV 135 Engineering Graphics will have the opportunity for hands-on experience with the PC/AT using the CADKEY software package.





Band At United Way

Once again Lady Godiva and her horse came out of the closet and marched forward for the cause of the United Way. And yes, she was followed by that merry group who were named in her honour, the Lady Godiva Memorial Band. On Friday, October 9, 1987, the Lady Godiva Memorial Band was asked by Ontario Hydro to help promote their fund raiser for United Way. At approximately 11:15 a.m. the Band marched through Hydro's marketing department at Bay and College to drum-up supporters for this worthy cause. The Band was very surprised to see that they were not met by men in business suits but men dressed up in Halloween costumes!! They marched through offices and stairwells playing and singing their songs until it was time to reach for that ultimate goal, HEAD OFFICE!! The LGMB led the way down the street to Hydro Place where Hydro's fund raiser had been set up, a "Boss Dunking Tank". As the Band played, a crowd gathered round and the dunking tank went into business. Managers, one by one, sat in the tank, taunting the employees who were throwing baseballs at the target. When the first manager went crashing into the water beneath him the LGMB played their ever famous song, "WIPE OUT!". The Band continued to play as the employees continued to dunk their managers. When it was time for those two final songs, "Blue and White", and "Godiva" the Band was surprised to find that the crowd joined in. But why not? Most of Hydro is consists of engineers. When their lunch hour was finished Hydro found that they had raised \$2,000.00. That's a lot of money for an hours work.

Congratulations Ontario Hydro!

United Way

By Heather Fair

The United Way kicked off its annual fund raising campaign on September 20 with a walkathon around Toronto. As they have in the past, the University of Toronto was there to kick off its own United Way fundraising campaign. The University United Way Campaign Committee has planned many events of its own as well as intending to take part in many off the city-wide events.

They hope that this will be the best year ever. Last year the University raised \$404320 and it hopes to increase that amount by ten percent this year to \$450000. Last year they raised \$2700 from student donations. With a student population of 50000 at the U of T, they hope for more student involvement this year.

There are two major fundraising events to be held by the University. In addition to this, there will be many book and bake sales to be at the departmental level. The first of these two events is the United Way Dollar Days. Every Thursday has been declared a United Way Dollar Day and more than 100 donation cans have been distributed around campus at places where money changes hands



United Way
OF GREATER TORONTO

including cafeterias and book stores so that students and professors can donate their change to the United Way. The second major University fundraising event is a Chalk Circle concert to be held on October 28 somewhere off campus (to be announced soon - look for posters around campus). The University hopes to raise money primarily through these events.

Also, each faculty and college is in charge of a fundraising event of its own. Wayne McPhee and the Engineering Society are in the process of organizing such an event right now. Details of which shall be announced soon.

In terms of staff on the United Way Campaign Committee, the faculty of Engineering is the third largest contributor only behind the faculty of Arts and Science as a whole and the Meds. A commendable achievement considering the huge size of these two faculties. The Engineers have been showing much support to this worthy cause right from the beginning of the campaign. The Lady Godiva Memorial Band participated in the Walkathon and also represented U of T support by playing at Queen's

Park for the Official Kickoff of the United Way Campaign on September 25.

The United Way assists such organizations as: Interim Place, a home for battered women and their children; Distress Line Peel, a service offering advice or referrals to anyone with any kind of problem such as potential suicide victims; and Metropolitan Family Services, as well as other notable organizations.

As well as its own fundraisers, the U of T is also unofficially involved in other United Way events including the Q107 CN Tower stair climbathon in late October, a lip sync contest with celebrities in mid October, and a concert at Maple Leaf Gardens featuring Glass Tiger, Gowen, and Parachute Club to be announced soon. Help to show that the University cares about the United Way and let's make this campaign the best ever and exceed our goal of \$450000. For more information about how you can help call the United Way Headquarters at the Career Centre 978-8023.

UNIVERSITY OF TORONTO ENGINEERING SOCIETY
BUDGET 1987-88

The Budget

Revenue

Engineering Society Fees	\$ 55,230.00
Engineering Employment Liason Fee	46,315.50
Locker Revenue	3,000.00
Gradball Fund	3,870.00
Alumni Contributions	<u>22,325.00</u>
	<u>Fourth Year</u>
	\$ 130,740.50

Expenses

Administration

Audit Fees	\$ 2,500.00
Elections	300.00
Executive and Full Council Expenses	800.00
President's Expense	100.00
Gifts & Awards	350.00
Insurance	1,300.00
Bank Charges	300.00
Legal Fees	1,500.00
Postage	250.00
Office Equipment & Supplies	3,500.00
Salaries	14,000.00
Telephones	1,650.00
Repair & Upkeep	1,650.00
Office Renovations (Alumni)	500.00
New Office Computer	2,000.00
Miscellaneous (Contingency)	<u>250.00</u>
	\$ 30,950.00

Communications

Cannon	\$ 800.00
Cannon (Alumni)	1,900.00
Yearbook	800.00
Yearbook (Alumni)	1,300.00
Handbook/Calendar	3,500.00
Toike Oike	1,250.00
Typesetting	250.00
Darkroom	700.00
General	<u>300.00</u>
	\$ 10,800.00

Kipling Ritual	\$ 4,500.00
Grad Ball	1,100.00
Grad Ball (Alumni)	2,700.00
Grad Ball Fund	<u>3,870.00</u>
	\$ 12,170.00

Professional Development

CCE5	\$ 800.00
CCE5 (Alumni)	1,700.00
APEO Conference	350.00
RESSA Conference	350.00
Speakers (Alumni)	500.00
Speakers	100.00
Centennial Conference	500.00
Centennial Conference (Alumni)	500.00
OEDC Design Competition (Alumni)	1,200.00
Gumby Party	150.00
Dan's Debates Club	<u>50.00</u>
	\$ 6,200.00

Blue & Gold

Homecoming	\$ 300.00
Godiva Week	200.00
Cannon Guard	350.00
LGM B	225.00
LGM B (Alumni)	275.00
General	<u>850.00</u>
	\$ 2,200.00

Social

Oktoberfest	\$ 300.00
Cannon Ball	1,700.00
Cannon Ball (Alumni)	1,700.00
General	<u>500.00</u>
	\$ 4,200.00

General Committees

Employment	250.00
Careers Seminars (Alumni)	550.00
Engineering Employment Liason	46,315.50
First Year	150.00
High School Liason	100.00
Women's	300.00
Club Grants	1,100.00
Club Grants (Alumni)	5,200.00
Orientation	2,500.00
Orientation (Alumni)	3,200.00
Special Projects (V.P. Activities)	350.00
Skule Nite	1,500.00
Skule Nite (Alumni)	1,100.00
Skule Stage Band	150.00
Contingencies	<u>600.00</u>
	\$ 63,365.50



TOTAL REVENUE - \$ 130,740.50

TOTAL EXPENDITURES - \$ 129,885.50

PROJECTED NET SURPLUS - \$ 855.00

Reviews

McDonald's

(Bloor street just west of Avenue Rd.)

Reviewer: S. Verman ELEC 9T0
Synthetic food lover

Don't laugh! I'm serious. I am going to review this fine eating establishment!

The golden arches are just a short walk from campus. McDonald's is located in the heart of fast-food paradise; the area just west of Avenue Rd. on Bloor.

Recently renovated, this res-

taurant now has three floors. The atmosphere is bright but gentle as "pretty" pink colours abound.

Introduced this year is the student "Gimme a Break" card. This card can be obtained just by asking and entitles the bearer a selected item with every order. For October, the free-bee is a pie (three kinds to choose from).

The average meal ranges in price from three to five dollars and the junk food content will give you energy for the rest of the day.

Nicolas Vera Mech9T0

Group 83 is one of several Amnesty International Groups in Toronto. It was formed eight years ago when a group of students with previous interests in AI decided to become an AI Group. At first, they worked on temporary cases assigned to them by the International Secretariat. Then, three years later, they were assigned their first Prisoner of Conscience. Today, Group 83 is involved in several AI Programs. The same concern for human rights that motivates this group was what helped form Amnesty International 26 years ago.

Regional Action Networks focus on cases in Eastern Europe and the Middle East.

The Casework on a Prisoner of Conscience is the most important task of this Group. A Prisoner of Conscience is assigned to each Group by the International Secretariat in London, England. On behalf of their adopted prisoner, Group 83 collects information and writes letters to government authorities and to the families of the prisoner. In the past, Group 83 has adopted prisoners in the Soviet Union and in Peru, and its current Prisoner of Conscience is in South Africa.

Their Soviet P.O.C., Danylo Shumuk, was eventually released and is now living in Canada. Their Peruvian P.O.C., Gerardo Linan Jara, was released last year and Group 83 remained in contact with him and his family until this summer. Their current P.O.C., Sikumbizo Albert Magadela, is believed to have been released last week. But their work is not over. Group 83 is going to continue working on this case for a six month care period. This care period is important to make sure the prisoner doesn't get re-arrested, as has happened to several prisoners who were released.

Radio Amnesty is a weekly radio show on CIUT 89.5 FM. Each show focuses on a specific theme concerning human rights, interviews, news and prisoner of conscience updates, as well as music, entertainment, and poetry. The half-hour program is broadcast Wednesdays at 6:15 PM.

An informative event is Amnesty International Week. For this week, from Oct. 19 to Oct. 25, Group 83 has set up information tables at the Sidney Smith Lobby. Ten different letters, dealing with specific prisoner cases, will be available for pick-up and mailing.

Amnesty International began with one person's initiative and is based on the fundamental belief that "the protection of human rights is a universal responsibility, transcending the boundaries of nation, race, and ideology." Its members are people from different countries and with different educational and professional backgrounds who work together for the protection of human rights throughout the world. Group 83 is formed by students like ourselves who have shown that anyone can help in "securing the ground for freedom, for justice, and thereby also for peace in the world."

For more information please contact AI Group 83 at Innis College, Room 210, 2 Sussex Av., (416) 978-7434.

Harvey's

(Bloor St. just east of Bedford)

Reviewer: S. Verman ELEC 9T0
Synthetic food lover

I don't know what's in their hamburgers, probably soya bean, but I like the char-broiled taste. The toppings are always fresh and you can have it the way you want it. The rest of the menu is typical of a fast food place, no surprises here. The only unusual item is the "Special Burger." I fail to see what's so special about it, just seems like a rip-off.

The restaurant itself is clean but not very spacious and it's sometimes difficult to find a seat. Overall, a good place to eat.

Average meal costs three to five dollars.

R.E.M. ON The Right Track?

The latest album by American band R.E.M. has sure been getting a lot of attention lately. Long time fans of the band probably don't know if this new recognition is good or bad. It seems as though they are starting to take the U2 approach to their music, a lot of singing along and stuff. The album does have a new distinct sound. For example you can now understand the lyrics, but I am still undecided if this is good or bad. I think I used to just like the mumbles of old (better) On the other hand I do enjoy the music on this album and the statements the band is making. I just hope though that the new sound and the concept of being successful doesn't get into their heads too much.

played between the two sets got more reaction than Los Lobos. That night, there existed no better social gathering despite the pushing and shoving matches which occurred due to the lack of security as thousands of fans tried to find their seats. The concert had only one other fault: the damn echo and sound distortion. Despite all of this, the audience still welcomed U2 by dancing and singing along with such songs as "BAD", "EXIT", and "PRIDE (IN THE NAME OF LOVE)".

The highlight of the concert occurred after the return of U2 to the stage when "BULLET THE BLUE SKY" echoed through the crisp night air, but not before a partial American anthem played in the background ("Outside is America, Outside is America"-could this be foreshadowing the consequences of a Free Trade deal?).

As tradition calls, the last song played was "40". As each member left the stage one by one, first Bono, then The Edge, followed by Adam Clayton, and finally Larry Mullen Jr., the crowd could only sense a feeling of togetherness as we sang "How long, to sing this song?" It was history in the making as each of the 60,000 fans went away from the concert fulfilled by the fruits of THE JOSHUA TREE.

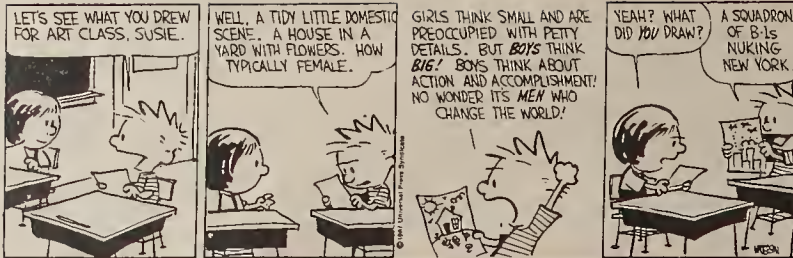
U2 Saturday Chilly Saturday

James Lam CHEM 9T0

Simplicity and vibrance synthesized to perfection! That was U2 at the CNE Grandstand on OCTOBER 3. The first song, "WHERE THE STREETS HAVE NO NAME", began the concert like THE UNFORGETTABLE FIRE which had just been rekindled, warming the hearts of the crowd of more than 60,000. U2 played the 14th concert of their Joshua Tree Tour with no evidence of fatigue (having just played the big O in Montreal two days earlier). The sole indication of a battered and WAR-torn Bono was the sling worn around his left shoulder, which was dislocated at RFK Stadium during a concert.

Having set the mood, they quickly followed it up with a lively version of "I WILL FOLLOW" which excited the crowd that had been subdued by Little Steven and Los Lobos. But then, even the Beatles song's





Pitch In

Have you seen this cartoon character in various areas of our buildings - especially the cafeteria, the Galbraith lobby and the Sanford Fleming Atrium? Do you follow his example? Well, if you don't, you should.

Visitors to the Faculty almost always proceed to meeting rooms through these areas, and on some occasions have been shocked and surprised by the piles of lunch bags, discarded plates, papers and cups. Important members of the government and business community, many of them alumni, are not used to wading through such debris.

That sort of mess does nothing for our image - especially when we are trying to sell the Faculty to prospective donors and employers. No potential employer would hire an engineer who didn't know enough to throw his coffee cup in the waste basket! Would you? Engineers shouldn't need someone to pick up after them.

So, let's all pitch in!

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If you are interested in copy writing, layout, editing, or would like to know what they're all about, drop a note in the yearbook mailbox with your name + phone number. (We're in the Eng Soc).

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or at your local college or faculty student council

FOR MORE INFORMATION CALL:
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DEADLINE FOR SUBMISSION: 31 DECEMBER 1987

Audit



Sheldon J. McLaren
CHARTERED ACCOUNTANT

79 Sunrise Avenue, Toronto, Ontario M4A 1A9 (416) 750-4422

DRAFT

AUDITOR'S REPORT

TO THE MEMBERS
THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

I have examined the balance sheet of The University of Toronto Engineering Society as at July 31, 1987 and the statements of surplus, revenue and expenses and changes in financial position for the year then ended. My examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as I considered necessary in the circumstances, except as outlined in the following paragraph.

The organization derives certain revenues from specific transactions, the completeness of which was not susceptible to satisfactory audit verification. Accordingly, my verification of these revenues was limited to amounts recorded in the records of the organization and I was not able to determine whether any adjustments might be necessary to revenue, excess of revenue over expense, assets and surplus.

In my opinion, except for the effect of adjustments, if any, which I might have determined to be necessary had I been able to satisfy myself concerning the completeness of the revenues referred to in the preceding paragraph, these financial statements present fairly the financial position of the organization as at July 31, 1987 and the results of its operations and the changes in its financial position for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

Chartered Accountant.

Toronto, Ontario,
August 31, 1987.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

BALANCE SHEET

As at July 31

DRAFT

	1987		1986	
	Surplus	Total	Surplus	Total
Current Assets				
Cash	\$ 5,842	\$16,361	\$ 32,358	\$28,761
Accounts receivable	7,449	7,449	2,500	2,500
Inventory	—	88,604	88,604	83,018
Prepaid expenses	5,981	5,981	5,052	3,136
	19,272	87,189	106,464	33,200
Fixed Assets				
Office furniture and equipment - net (accumulated depreciation 1987 - \$14,409; 1986 - \$12,781)	4,923	3,272	8,507	3,187
	—	—	4,462	7,862
	\$24,250	\$90,261	\$114,991	\$36,297
			\$ 34,421	\$111,000
Liabilities and Surplus				
Current Liabilities				
Accounts payable and accrued liabilities	\$ 7,183	\$ 7,341	\$ 14,724	\$13,052
Current portion of loan payable	774	—	—	—
	7,957	7,341	14,724	\$13,052
Gratuities Paid - (Note 1)	5,781	—	8,781	10,091
Loan Payable - (Note 3)	774	—	—	—
Accumulated Surplus	3,218	81,220	84,474	79,105
	\$25,230	\$90,261	\$114,299	\$102,248

Approved

See accompanying notes.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

STATEMENT OF SURPLUS

For the year ended July 31, 1987
(With comparative figures for the seven months ended July 31, 1986)

	1987	1986
		(Unaudited)
Balance - Beginning of Period	\$81,337	\$73,973
Excess of Revenue over Expenses During the Period	6,581	6,284
Balance - End of Period	\$87,918	\$80,257

See accompanying notes.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

STATEMENT OF REVENUE AND EXPENSES

For the year ended July 31, 1987
(With comparative figures for the seven months ended July 31, 1986)

	1987	1986
		(Unaudited)
Revenue		
Fee	\$ 94,342	\$ 94,846
Interest on Investment	114	1,222
Locker Income	2,430	3,411
Alumni Funding	12,461	31,500
Other	210	2,187
	109,419	124,770
Net Income (Loss) - Store Operations	4,117	(3,484)
	\$113,536	\$121,286
Expenses per Schedule		
General	26,319	25,881
Committee costs	80,372	125,512
	\$106,691	\$151,393
Excess of Revenue over Expenses for the Period	\$ 6,581	\$ 6,284

See accompanying notes.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

STATEMENT OF CHANGES IN FINANCIAL POSITION

For the year ended July 31, 1987
(With comparative figures for the seven months ended July 31, 1986)

	1987	1986
		(Unaudited)
Cash from Operations	\$ 6,581	\$ 6,584
Net Income for the period	2,172	2,584
Add Depreciation which is not a cash item	9,268	8,870
Investment Acquisition	—	11,911
Reduction in Investments	(2,912)	(1,237)
Purchase of fixed assets	(310)	(401)
Excess (Decrease) in Goodwill Liability	(4,184)	30,121
Change in Operating Working Capital	14,118	11,900
Accounts receivable	(183)	(4,811)
Inventory	(21,843)	(112,643)
Prepaid expenses	(11,076)	(1,000)
Accounts payable	—	—
Financing Activities		
Loans to loan payable - net of repayments	3,245	—
Loans (Decrease) to Cash During the Period	(4,117)	(26,050)
Cash - Beginning of the Period	19,272	66,220
Cash - End of the Period	\$25,230	\$ 39,170

See accompanying notes.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

NOTES TO FINANCIAL STATEMENTS

July 31, 1987

DRAFT

NOTE 1. Summary of Significant Accounting Policies and Reporting Practices

Cash
Cash does not include amounts held on deposit for committee activities and affiliated clubs. These deposits are charged to committee expenses at the time the units are claimed by the Society.

Inventory
Inventory is valued at the lower of cost (as determined on a first-in, first-out basis) and net realizable value.

Depreciation
Office furniture and equipment is recorded at cost with depreciation provided on a declining balance basis at 20% per year.

NOTE 2. Gratuities Paid

Each year, a portion of the gratification fee is appropriated for the gratification fund. As at July 31, 1987, the amount appropriated was set out in the following table:

	1987	1986
		(Unaudited)
1987		
1986		
1985		
	\$13,052	\$12,781

NOTE 3. Loan Payable

The loan payable is for the purchase of office equipment and is repayable in six (6) instalments of \$11 on account of principal and interest to July 31, 1987.

Deduct current portion	114
	\$ 774

Sheldon J. McLaren
CHARTERED ACCOUNTANT

79 Sunrise Avenue, Toronto, Ontario M4A 1A9 (416) 750-4422

DRAFT

ACCOUNTANT'S COMMENTS

TO THE MEMBERS
THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

I have prepared the statements of store operations and schedules of general expenses and committee costs for the year ended July 31, 1987 from the records of THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY and from other information supplied to me by the Society. In order to prepare these statements I made a review, consisting primarily of enquiry, comparison and discussion of such information. However, in accordance with the terms of my engagement, I have not performed an audit and consequently do not express an opinion on these financial statements and schedules.

Chartered Accountant.

Toronto, Ontario,
August 31, 1987.

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

SCHEDULE OF COMMITTEE COSTS

For the year ended July 31, 1987
(With comparative figures for the seven months ended July 31, 1986)

	1987	1986
		(Unaudited)
Communications		
Handbook	\$1,584	\$1,272
Yearbook	1543	(2,737)
Publicity	(1,314)	2,186
Comms paper	2,491	1,892
Stationery	377	306
Publications - other costs	1,117	(1,267)
	\$ 3,281	\$ 1,350
Social		
General	3,284	(1,881)
Comms hall	2,598	3,216
Car rally	—	(113)
Christmas	151	1,073
	\$ 6,033	\$ 2,385
Affiliates		
Club guests	6,503	9,144
Slam and Golf		
Comms Guard	263	287
LDPO	426	830
Blue and Gold general	313	871
Golden rule	1,453	163
Summertime	155	451
	\$ 8,113	\$ 11,542
Fourth Year		
Fourth year general	8	1,154
Gratuities hall	7,103	8,033
Kipping ritual	1,823	—
	\$ 8,934	\$ 9,187
Professional Development		
General	809	423
Engineering congress	3,941	2,264
APCO	211	207
	\$ 4,961	\$ 2,894
General		
Employment committee	46,980	50,001
Orientation	(17)	8,401
Pub - general	(2,180)	(1,337)
- SODA	3,411	(2,400)
Women in Engineering	150	141
First year	57	235
Publicity	1,204	11,113
Special projects	(1,964)	2,148
SDC	803	7,479
Phi Kappa	(1,102)	380
Continental	262	3,414
	\$ 41,801	\$ 78,077
Total	\$80,316	\$179,613

THE UNIVERSITY OF TORONTO ENGINEERING SOCIETY

SCHEDULE OF GENERAL EXPENSES

For the year ended July 31, 1987
(With comparative figures for the seven months ended July 31, 1986)

	1987	1986
		(Unaudited)
Depreciation - office furniture and equipment	\$ 1,234	\$ 1,162
Executive and Council expenses	594	1,364
Office, committee and morale	213	1,361
Insurance	438	423
General	370	323
Professional fees	2,423	7,450
Office salary and employee benefits	324	278
General	13,543	14,142
Postage	187	274
Printing and stationery	2,109	3,400
Repairs and upkeep	1,424	1,324
Telephone	1,424	1,324
	\$78,278	\$123,251

Class Of 9T1!!!!!!!!!!!!!!!!!!!!!!

